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NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER



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Imagery analysis report

**Probable Engine Testing Facility
in the Leningrad Military District, USSR (S)**

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PROBABLE ENGINE TESTING FACILITY IN THE LENINGRAD MILITARY DISTRICT, USSR (S)

1. (S/D) An engine testing facility was identified on imagery of [] immediately adjacent to Leningrad SAM Support Facility 4 [] USSR. The facility (Figure 1) is approximately 22 nautical miles (nm) south-southwest of Leningrad. The location of the test facility on the access road to the SAM Support Facility, which services and stores SA-2, SA-3, and SA-5 surface-to-air missiles, suggests that it could be used for sample and product reliability testing of these missile engines. The test facility has been present since at least 1974.

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2. (S/D) The test facility consists of two engine test buildings. The longer building contains four nonstandard, modified L-type test cells, each with a horizontal cylindrical exhaustor and vertical oval-shaped exit vents. The oval-shaped exit vents are [] in width. Eleven horizontal probable liquid propellant storage tanks and two underground probable fuel storage tanks were observed near the larger engine test building (Figure 2) on [] [] They were still present on [] The second engine test building contains two nonstandard modified L-type test cells, each with a vertical cylindrical exhaustor and a horizontal diffuser tube with exit vents. The exit vents measure [] inside diameter and [] outside diameter.

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3. (S/D) Approximately 500 unidentified possible rocket engine crates were in open storage at this facility (Figure 2) on [] Crates were still present on [] The number and location of crates in the northwest section of the installation appear to have remained static over a period of several years. A second group of crates in the southeast section appear to have been constantly moved or replaced. The latter crates are close to the large test building. The movement of this second group of crates and the clearing of snow from the roads and entrances to the two test buildings suggest that the facility is active.

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(S) Comments and queries regarding this report are welcome. They may be directed to [] Warsaw Pact Forces Division, Imagery Exploitation Group, NPIC, []

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